0918.2044-000 INFORMATION DISCLOSURE CITATION APPLICANT IN AN APPLICATION Vladimir Pavlovic et al. July 19, 2001 GROUP FILING DATE (Use several sheets if necessary) U.S. PATENT DOCUMENTS SUB-FILING DATE EXAM-CLASS CLASS DOCUMENT NUMBER DATE NAME INER APPROPRIATE INI-TIAL AA AΒ AC ΑD ΑE AF AG AΗ AΥ ΑJ AK FOREIGN PATENT DOCUMENTS SUB-TRANSLATION CLASS CLASS YES COUNTRY DOCUMENT NUMBER DATE ALAΜ AN ΑO AP AQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Burge, C. and S. Karlin, "Prediction of Complete Gene Structures in Human Genomic DNA, " J. Mol. Biol. 266:78-94 (1997). Salzberg, S. et al., "Microbial gene identification using interpolated Markov models, " Nucleic Acids Research, 26(2):544-548 (1998). , Xu, L. et al, "GRAIL: A Multi-Agent Neural Network System for Gene Identification, " Proc. IEEE 84(10):1544-1552 (1996).

EXAMINER

My waren

DATE CONSIDERED

114/04

REPRODUCED ATTORNEY DOCKET NO. APPLICATION NO. 09/943,579 0918.2044-000 MATION DISCLOSURE CITATION APPLICANT IN AN APPLICATION Vladimir Pavlovic et al. November 7, 2001 FILING DATE GROUP 1642 /63/ 8/30/01 several sheets if necessary) U.S. PATENT DOCUMENTS SUB-FILING DATE EXAM-DOCUMENT NUMBER DATE NAME CLASS CLASS INER IF INI-APPROPRIATE TIAL AA AB AC AD AE AP AG АH AI ΑJ AK FOREIGN PATENT DOCUMENTS SUB-TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS CLASS ΑL AM AN AO ΑP ΑQ

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Cai, D. et al., "Modeling splice sites with Bayes networks,"
| Bioinformatics, 16(2):152-158 (2000).

EXAMINER

Ma Morion

DATE CONSIDERED

16/04

09/943,579 **U918.2044-000** INFORMATION DISCLOSURE CITATION APPLICANT IN AN APPLICATION Vladimir Pavlovic et al. July 19, 2001 FILING DATE GROUP 1631 8 30101 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAM-SUB-FILING DATE INER DOCUMENT NUMBER DATE NAME CLASS CLASS APPROPRIATE INI-TTAL FOREIGN PATENT DOCUMENTS SUB-TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Kulp, D. et al., "A Generalized Hidden Markov Model for the Recognition of Human Genes in DNA," in ISMB-96: Proc. Fourth Intl. Conf. Intelligent Systems for Molecular Biology, pp. 134-141, Menlo Park, CA, 1996; AAAI Press. Borodovsky, M. and J. McInnich, "Genmark: Parallel Gene Recognition for Both DNA Strands, " Computers Chem. 17(2):123-133 (1993) / Salzberg, S.L. et al. eds, Computational Methods in Molecular Biology, (Amsterdam: Elsevier) 1998, pp KV - Krui, Fraser, C.M. et al., "Genomic sequence of a Lyme disease spirochaete, Borrelia burgdorferi, Nature 390: [580-586] Dec. 1997. Murakami, K. and T. Takaqi, "Gene recognition by combination of several gene-finding programs, " Bioinformatics 14(8):665-675 (1998)., Salamov, A.A. and V.V. Solovyev, "Ab initio Gene Finding in Drosophila Genomic DNA, Genome Research 10:516-522 (2000). / Reese, M.G. et al., "Genie--Gene Finding in Drosophila melanogaster, Genome Research 10:529-538 (2000).

EXAMINER Ma Morror

Wy

m

DATE CONSIDERED

Krogh, A., "Using Database Matches with HMM Gene for Automated Gene

Jordan, M.I. and R.A. Jacobs, "Hierarchical Mixtures of Experts and the

Detection in Drosophila, Genome Research 10:523-528 (2000).

AM Algorithm, Neural Computation 6:181-214 (1994).

17/04

1 09/943,579 0918.2044-000 INFORMATION DISCLOSURE CITATION APPLICANT IN AN APPLICATION Vladimir Pavlovic et al. July 19, 2001 GROUP FILING DATE 8/30/01 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAM-SUB-FILING DATE IF APPROPRIATE INER DOCUMENT NUMBER DATE NAME CLASS CLASS INI-TIAL FOREIGN PATENT DOCUMENTS SUB-TRANSLATION COUNTRY CLASS YES DOCUMENT NUMBER DATE CLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Wolpert, D.H., "Stacked Generalization," Neural Networks 5:241-259

EXAMINER

Ma Moran

DATE CONSIDERED

1/7/04